





PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION III5 IPIR NUMBER 12

OAK SUPPLEMENT PART X

II-29 SEPTEMBER 1971

Handle via Talent-Keyhole Channels Only

25X1C

TOP SECRET

TCS-20508/71 DECEMBER 1971 COPY NO 183

49 PAGES

Approved For Release 2000/04/17 : CIA-RDP78T04562A003300010009-3

WARNING

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TARGET CATEGORIES AND ASSOCIATED NTP FUNCTIONAL AREAS (CODES)

1. STRATEGIC SSM

Deployed Strategic SSM Facilities (A)

2. MISSILE RANGES

Missile Ranges: Strategic SSM/Space Facilities (P)
Missile Ranges: Air-Launched Missile Facilities (Q)
Missile Ranges: Naval Launched Missile Facilities (F)

Missile Ranges: Naval-Launched Missile Facilities (R) Missile Ranges: Tactical SSM Facilities (S)

Missile Ranges: SAM/AMM Facilities (T)

3. AIR DEFENSE MISSILES

Deployed AMM Facilities (B) Deployed SAM Facilities (D)

4. ELECTRONICS/COMMUNICATIONS

Deployed Communication/Electronic/Radar Facilities (C)

5. AIR

Air Base Facilities (E)

6. NAVAL

Naval Base Facilities (F)

7. GROUND

Ground Force Facilities (G)

8. TACTICAL SSM

Deployed Tactical SSM Facilities (H)

9. LOGISTICS

Military Logistics Facilities (K)

10. NUCLEAR ENERGY

Atomic Energy Facilities (0)

11. CBR

CBR Facilities (V)

12. INDUSTRY

Strategic Weapons Industrial Facilities (J)

General Purpose Weapons Industrial Facilities (L)

Non -Military Industrial Facilities (N)

Communication/Electronic/Radar R&D Facilities (U)

13. MISCELLANEOUS

Non-Military Logistics Facilities (M)
Miscellaneous/Unidentified Facilities (Z)

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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79-3- 25X1C

TCS-20508/71 - IPIR 12 KH-4 MISSION 1115 25X1C

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TCS-20508/71 - IPIR 12 KH-4 MISSION 1115 25X1C

PREFACE

PREFACE

THIS IS THE TENTH OAK SUPPLEMENT REPORT ON MISSION 1115. FOR ADDITIONAL PREFACE DETAILS, SEE FIRST OAK SUPPLEMENT

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TCS-20508/71 - IPIR 12 KH-4 MISSION 1115

25X1C

CHINA, COMMUNIST GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

25X1D

SHANG-TIEN ARMOR TRAINING AREA

25X1A33-08-WN 113-26-WE

STATUS: OCCUPIED

PHYSICAL DESCRIPTION: 4.2 NM SOUTH OF SHANG-TIEN.

THE NEWLY IDENTIFIED INSTALLATION CONSISTS OF A PROBABLE BARRACKS AREA WHICH CONTAINS SIX PROBABLE BARRACKS AND ONE PROBABLE MESSHALL. A TANK DRIVER-TRAINING COURSE IMMEDIATELY EAST OF THE BARRACKS AREA CONTAINS THREE TRACKED-VEHICLE

TRAINING LOOPS.

25X1D

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

IMAGE DERIVED COORDINATES: 25X1D

3308 N11326 E

MAP SOURCE REFERENCE:

200-0385-19

25X1D

HANDETO LEVEL FOR Release 2 CONTROL SYSTEM ONLY

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00**9-3** 25X1C

TCS-20508/71 - IPIR 12 KH-4 MISSION 1115

25X1C

CHINA, COMMUNIST INDUSTRY

SIGNIFICANT RESULTS

25X1D

25X1D

25X1D

SHANG-TIEN INDUSTRIAL COMPLEX

25X1A 33-16-10 N 113-28-11E

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

4.2 NM NNE OF SHANG-TIEN. THE NEWLY IDENTIFIED INSTALLATION WAS IN AN EARLY STAGE OF CONSTRUCTION AND CONSISTS OF ONE LARGE BUILDING WITH A CONVEYOR SYSTEM AND FOOTINGS FOR TWO POSSIBLE FABRICATION BUILDINGS GRADING IN THE AREA EXTENDED FROM THE EDGE UNDER CONSTRUCTION. OF THE RESERVOIR NE TO THE FOOTHILLS, A DISTANCE OF 2.8 NM.
THE COMPLEX IS RAIL SERVED WITH A TRANSLOADING YARD CONTAINING FIVE TRACKS. SEVERAL CONSTRUCTION SUPPORT CAMPS SCATTERED THROUGHOUT THE AREA CONTAIN A TOTAL OF APPROXIMATELY 1,100 BARRACKS, ADMINISTRATION, AND SUPPORT/STORAGE BUILDINGS.

25X1D

25X1D

IMAGE DERIVED COORDINATES:

3316 N11328 E

MAP SOURCE REFERENCE:

200-0385-19

25X1D

HANDLE VIA CONTROL SYSTEM ONLY TOP SECRET RUFF

HANDLE VIA TOP SECRET RUFF -- RELEASABLE TO UK, FNJVEGY BLEVE 20 -3 25X1C TCS-20508/71 - IPIR 12 SOVIET UNION KH-4 MISSION 1115 AIR DEFENSE MISSILES SIGNIFICANT RESULTS 25X1D 25X1D 25X1A₆₂₋₄₄- N 040-03-E PLESETSK SAM SITE B24A-13 STATUS: OCCUPIED PHYSICAL DESCRIPTION: 6.5 NM WNW OF PLESETSK AND 1 NM EAST OF PLESETSK ICBM COMPLEX SAM SITE C24-2 | THE NEWLY IDENTIFIED DUMMY SA-2 SITE CONSISTS OF SIX LAUNCH POSITIONS AND A GUIDANCE AREA. THE POSITIONS APPEARED TO BE OCCUPIED. IMAGE DERIVED COORDINATES: 6244 N04003 E MAP SOURCE REFERENCE:

25X1D

25X1A

25X1D

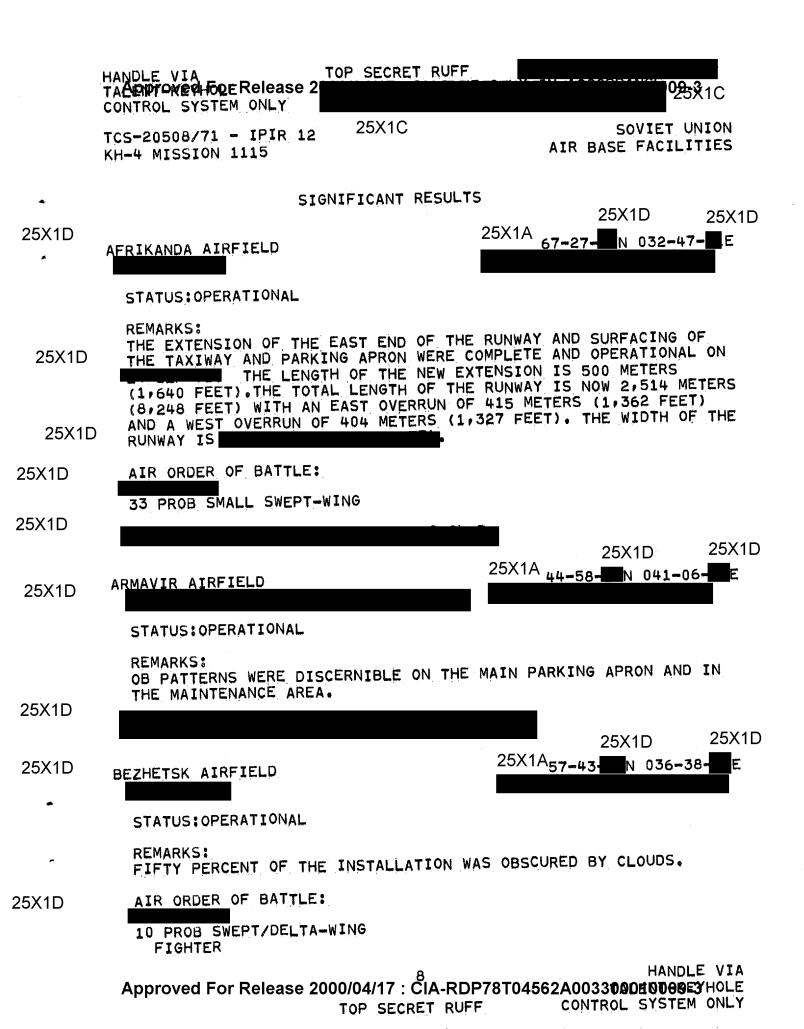
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25X1D

200-0102-9HL

HANDLE VIA TOP SECRET RUFF TALIDING VEO FOR Release 2 CONTROL SYSTEM ONLY 25X1C SOVIET UNION TCS-20508/71 - IPIR 12 COMMO/ELEC/RADAR FACILITIES KH-4 MISSION 1115 SIGNIFICANT RESULTS 25X1D 25X1D 25X1D 25X1A₅₆₋₅₁- N 035-55-KALININ TV REL STA STATUS: UNKNOWN REMARKS: THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED IDENTIFICATION OF A TV RELAY STATION AT THE REFERENCED COORDINATES. 25X1D 25X1D 25X1D 25X1A ₅₂₋₃₆₋ 037-19-E 25X1D MOSKVA LIVNYY AW RADAR FAC TALL KING STATUS: OCCUPIED REMARKS: THE SITE APPEARED TO BE OCCUPIED, BUT THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED DETERMINING NUMBER AND TYPE OF RADARS. 25X1D 25X1D 25X1D 25X1D 25X1A 42-46-N 132-20- E OSTROV ASKOLD PROB AW RADAR FAC STATUS: OCCUPIED PHYSICAL DESCRIPTION: IN THE CENTER OF OSTROV ASKOLD ISLAND. THE NEWLY IDENTIFIED FACILITY CONSISTS OF ONE PART TIME RADAR (75-FOOT RADOME), ONE OCCUPIED RADAR POSITION, THREE HORIZONTAL FUEL TANKS, AND AN UNOCCUPIED CIRCULAR PAD. 25X1D 25X1D IMAGE DERIVED COORDINATES: 4246 N13220 25X1D

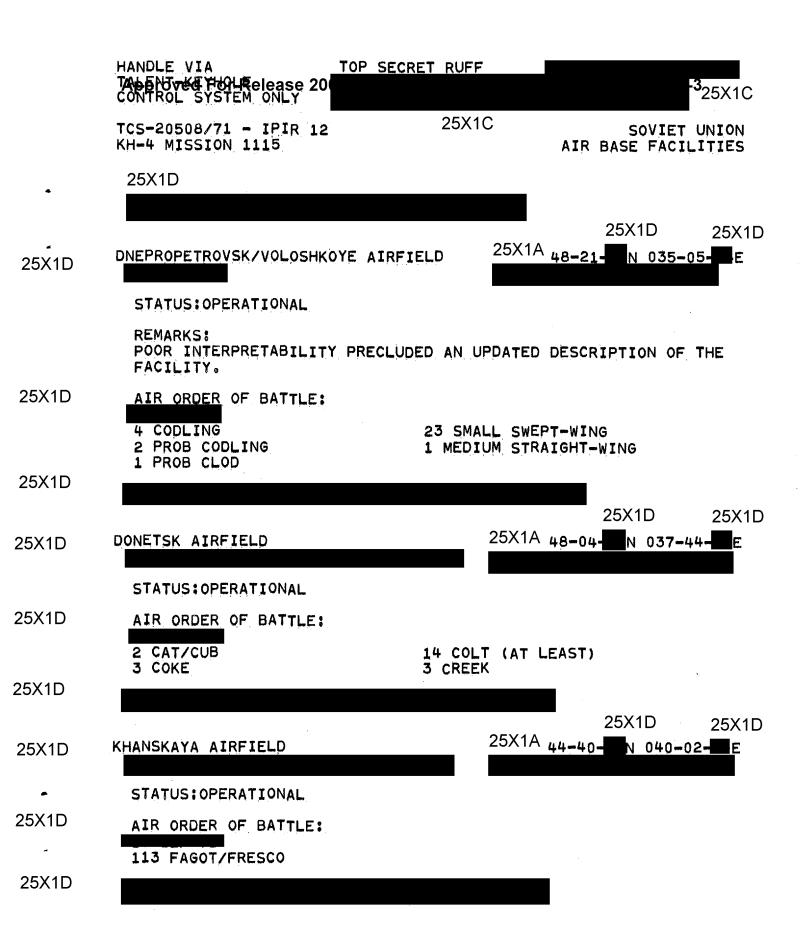
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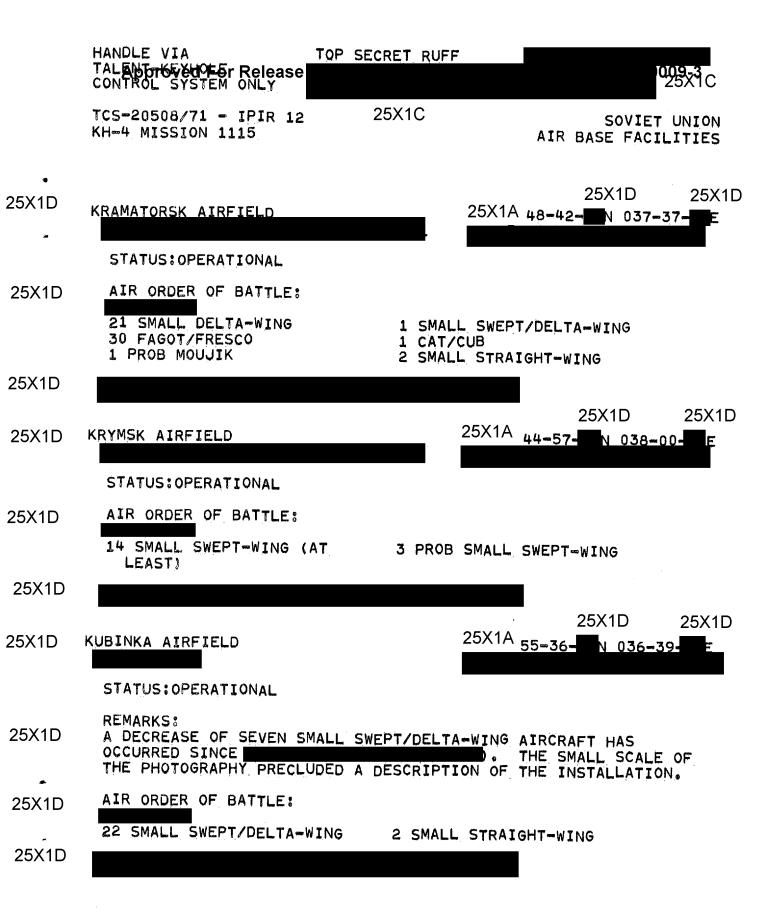
HANDLE VIA TOP SECRET RUFF TALATINETICKEY HPDF Release 2 9₂3_{X1C} CONTROL SYSTEM ONLY 25X1C SOVIET UNION TCS-20508/71 - IPIR 12 AIR BASE FACILITIES KH-4 MISSION 1115 SIGNIFICANT RESULTS 25X1D 25X1D 25X1A₆₇₋₂₇₋N 032-47-AFRIKANDA AIRFIELD 25X1D STATUS: OPERATIONAL REMARKS: THE EXTENSION OF THE EAST END OF THE RUNWAY AND SURFACING OF 25X1D THE TAXIWAY AND PARKING APRON WERE COMPLETE AND OPERATIONAL ON THE LENGTH OF THE NEW EXTENSION IS 500 METERS (1,640 FEET) THE TOTAL LENGTH OF THE RUNWAY IS NOW 2,514 METERS 25X1D (8,248 FEET) WITH AN EAST OVERRUN OF 415 METERS (1,362 FEET) AND A WEST OVERRUN OF 404 METERS (1,327 FEET). THE WIDTH OF THE AIR ORDER OF BATTLE: 25X1D 33 PROB SMALL SWEPT-WING 25X1D 25X1D 25X1D 25X1D 25X1A44-58-N 041-06-ARMAVIR AIRFIELD STATUS: OPERATIONAL REMARKS: OB PATTERNS WERE DISCERNIBLE ON THE MAIN PARKING APRON AND IN THE MAINTENANCE AREA. 25X1D 25X1D 25X1D 25X1A₅₇₋₄₃-25X1D N 036-38-BEZHETSK AIRFIELD STATUS: OPERATIONAL REMARKS: FIFTY PERCENT OF THE INSTALLATION WAS OBSCURED BY CLOUDS. 25X1D AIR ORDER OF BATTLE: 10 PROB SWEPT/DELTA-WING FIGHTER Approved For Release 2000/04/17 : CIA-RDP78T04562A003300010002630LE

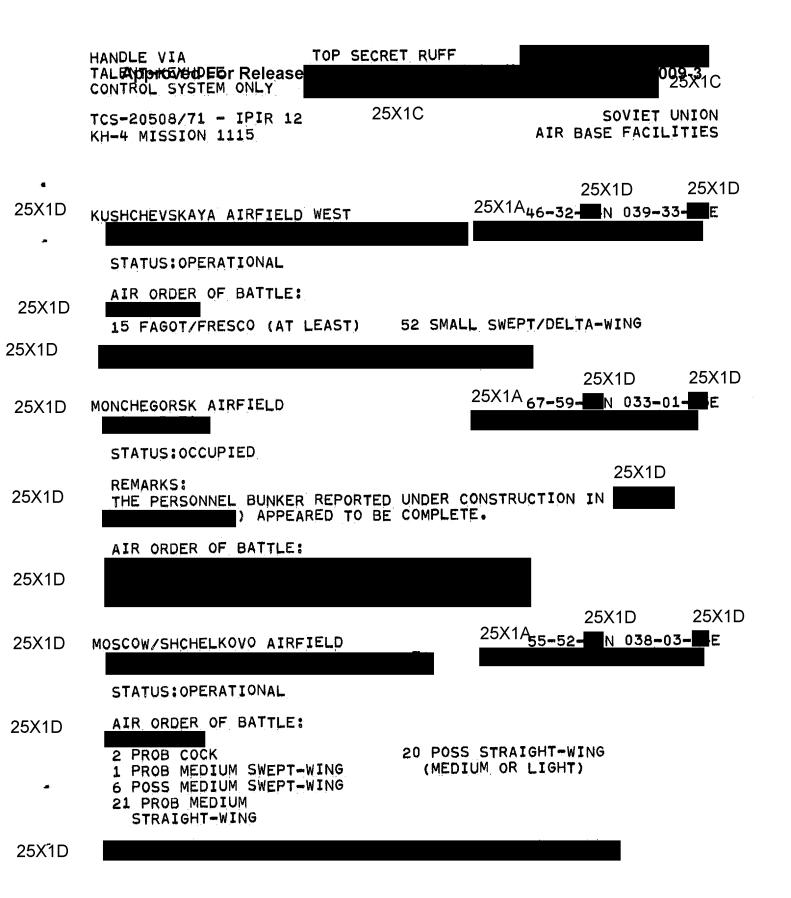
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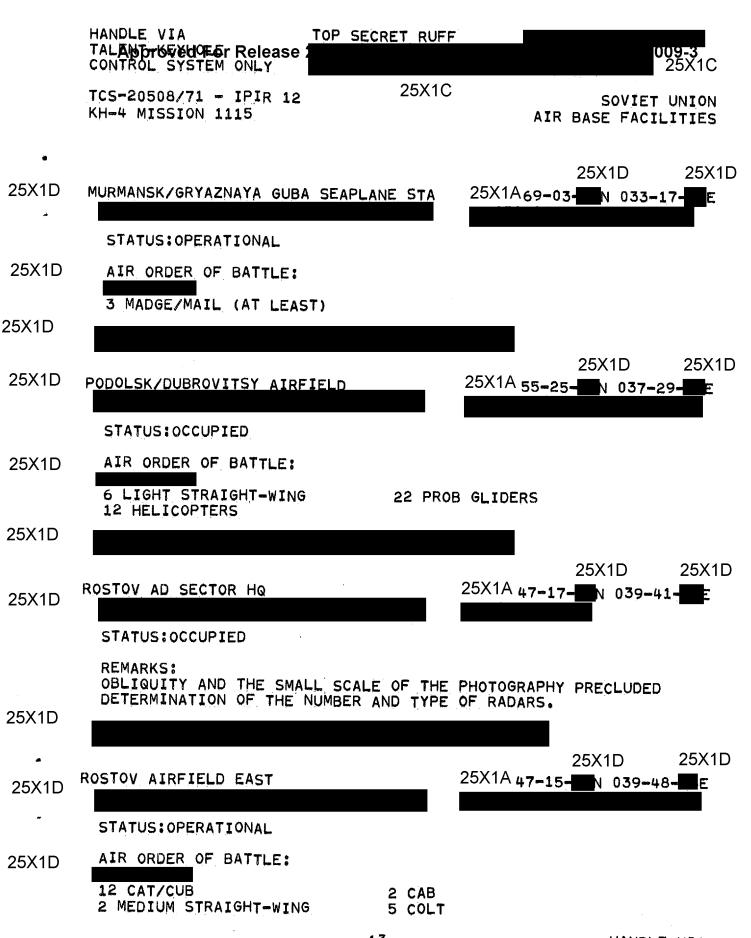
CONTROL SYSTEM ONLY



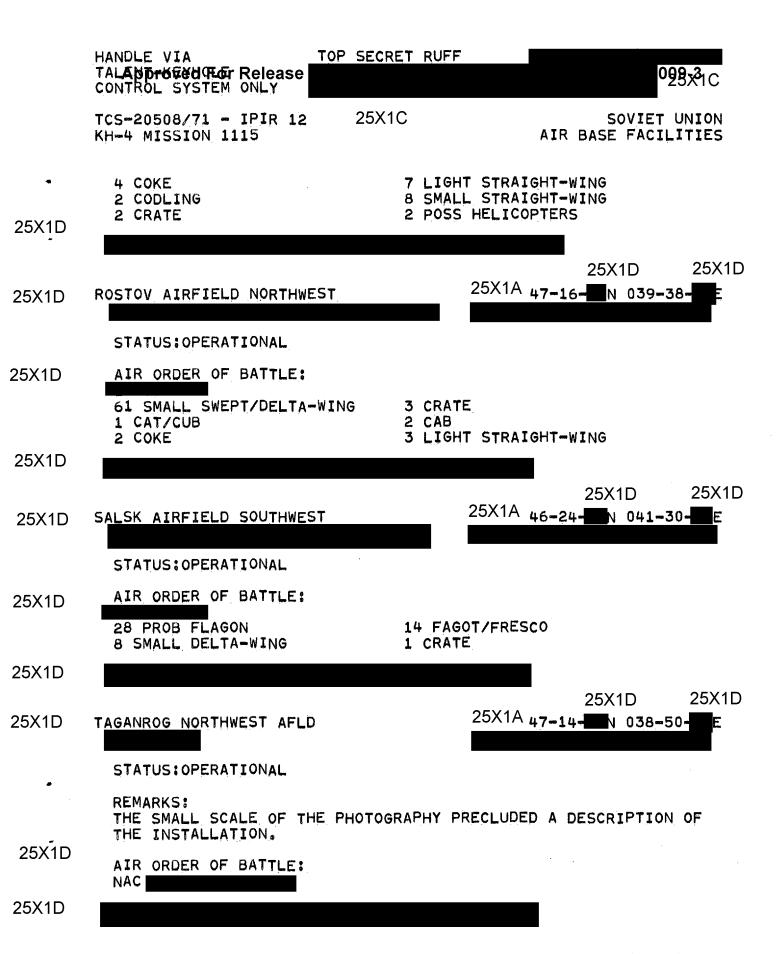
HANDLE VIA TOP SECRET RUFF TALENDTO EN TEMPORE STEM ONLY 25X1C TCS-20508/71 - IPIR 12 SOVIET UNION KH-4 MISSION 1115 AIR BASE FACILITIES 25X1D 25X1D 25X1D 25X1A 56-21-KLIN AIRFIELD N 036-44-E STATUS: OPERATIONAL REMARKS: HAZE AND THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED A DESCRIPTION OF THE INSTALLATION. 25X1D AIR ORDER OF BATTLE: 29 SMALL SWEPT/DELTA-WING 17 SMALL STRAIGHT-WING (AT LEAST) 4 POSS COKE 11 CAT/CUB/CAMP 3 MEDIUM SWEPT-WING 25X1D 25X1D 25X1D 25X1A 46-37- N 142-49-KORSAKOV AIRFIELD 25X1D STATUS: OPERATIONAL 25X1D AIR ORDER OF BATTLE: 7 PROB HOUND 25X1D 25X1D 25X1D 25X1A 57-47- N 041-01-KOSTROMA AIRFIELD 25X1D STATUS: OPERATIONAL 25X1D AIR ORDER OF BATTLE: 77 SMALL SWEPT-WING 4 LIGHT HELICOPTERS 8 SMALL STRAIGHT-WING 25X1D







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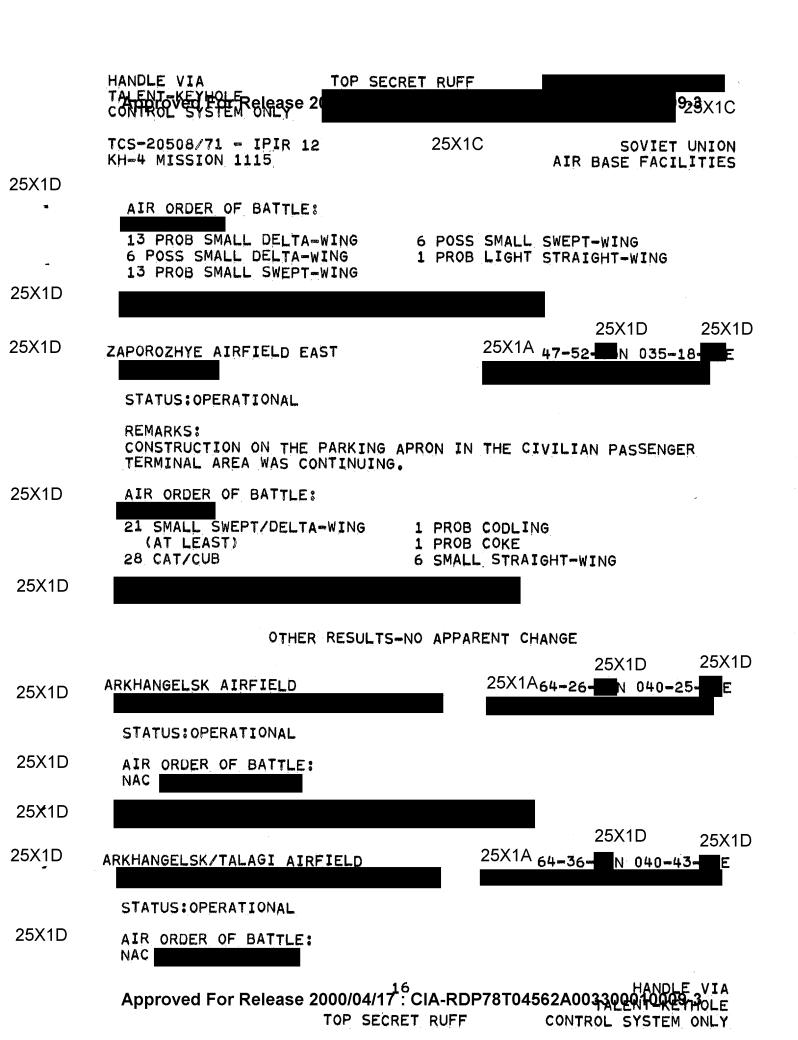


TOP SECRET RUFF HANDLE VIA ⁹2³X1C TAL APPROTONE CHECKER 2 CONTROL SYSTEM ONLY 25X1C SOVIET UNION TCS-20508/71 - IPIR 12 AIR BASE FACILITIES KH-4 MISSION 1115 25X1D 25X1D 25X1A54-14- 037-36-Ε TULA AIRFIELD NORTH 25X1D STATUS: OPERATIONAL REMARKS: HEAVY CLOUDS AND THE POOR INTERPRETABILITY OF THE PHOTOGRAPHY PRECLUDED A DESCRIPTION OF THE INSTALLATION. 25X1D AIR ORDER OF BATTLE: 9 LIGHT STRAIGHT-WING (AT 17 MEDIUM STRAIGHT-WING (AT LEAST) LEAST) 25X1D 25X1D 25X1D 25X1A₅₁-37-WN 039-08-25X1D VORONEZH AIRFIELD SOUTHWEST STATUS: OPERATIONAL REMARKS: A SMALL TRAPEZOIDAL BLACKTOPPED PARKING APRON HAS BEEN CONSTRUCTED IMMEDIATELY EAST OF THE PARKING APRON ADJACENT TO THE MAIN RUNWAY. MINOR CONSTRUCTION ACTIVITY AND TRENCHING WERE CONTINUING IN THE SUPPORT AREA. 25X1D AIR ORDER OF BATTLE: 1 COLT 1 POSS FOXBAT 2 PROB SMALL STRAIGHT-WING 25 PROB FIREBAR-TYPE 9 HOOK/HARKE 4 POSS FIREBAR-TYPE 3 PROB HOUND/HIP C 5 POSS FISHBED 12 PROB SMALL HELICOPTERS 2 CRATE (AT LEAST) 1 COKE 4 CAB 25X1D 25X1D 25X1D 25X1A₅₇-33-WN 040-09-YAROSLAVL/TUNOSHNOYE AIRFIELD 25X1D STATUS: OPERATIONAL HANDLE VIA

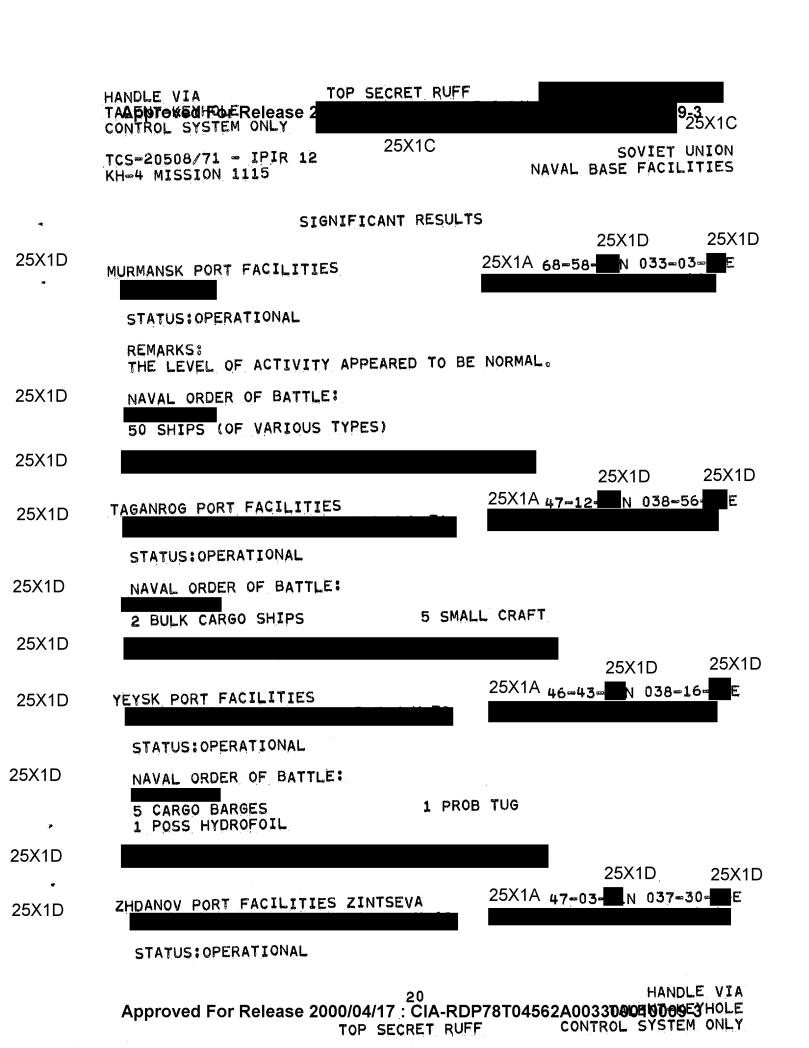
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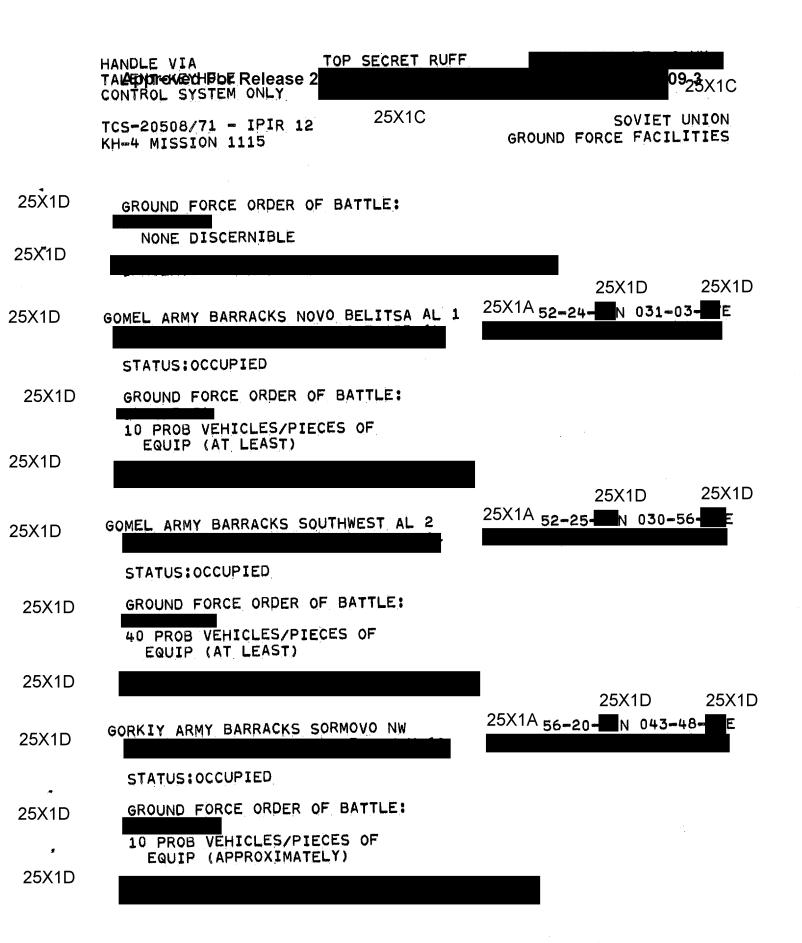


HANDLE VIA TOP SECRET RUFF TAAF PIROVE OF HEADER Elease 20 CONTROL SYSTEM ONLY 25X1C SOVIET UNION TCS-20508/71 - IPIR 12 NAVAL BASE FACILITIES KH-4 MISSION 1115 25X1D NAVAL ORDER OF BATTLE: 2 TANKERS 2 FLOATING CRANES 3 FLOATING DRYDOCKS ARD(D) 7 CARGO SHIPS 17 MISCELLANEOUS VESSELS 25X1D OTHER RESULTS-NO APPARENT CHANGE 25X1D 25X1D 25X1A 64-31- N 040-31-E ARKHANGELSK PORT FACILITIES CITY 25X1D STATUS: OPERATIONAL 25X1D NAVAL ORDER OF BATTLE: NAC 25X1D

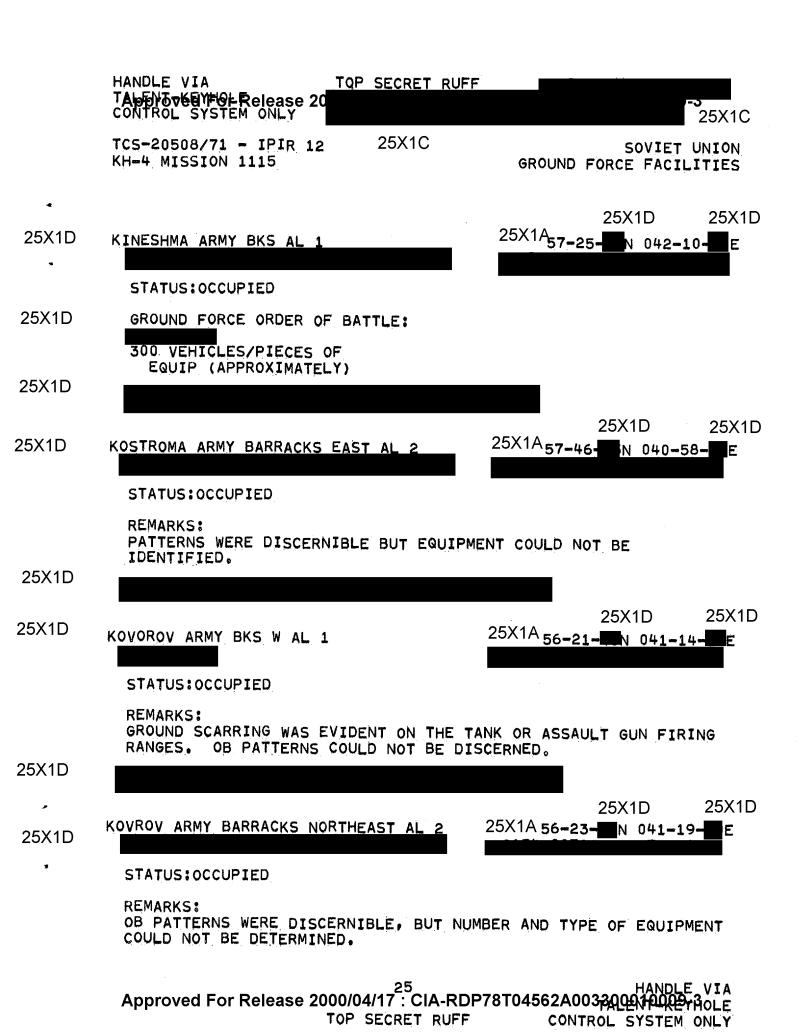
HANDLE VIA TOP SECRET RUFF FROTESY BEREJERS 2 25X1C TCS-20508/71 - IPIR 12 25X1C SOVIET UNION KH-4 MISSION 1115 GROUND FORCE FACILITIES SIGNIFICANT RESULTS 25X1D 25X1D 25X1D 25X1A₆₄₋₂₅ ARKHANGELSK ARMY BKS ISAKOGORKA AL 2 N 040-39-STATUS: OCCUPIED 25X1D GROUND FORCE ORDER OF BATTLE: 100 VEHICLES/PIECES OF EQUIP (AT LEAST) 25X1D 25X1D 25X1D 25X1A₄₈-26-25X1D DNEPROPETROVSK ARMY BARRACKS AL 2 N 035-03-STATUS: OCCUPIED REMARKS: OB PATTERNS WERE DISCERNIBLE, BUT NUMBER AND TYPE OF EQUIPMENT COULD NOT BE DETERMINED. 25X1D 25X1D 25X1D 25X1A48-27-10 N 035-00-10E DNEPROPETROVSK ARMY BKS CENTRAL AL 1 25X1D STATUS: OCCUPIED REMARKS: PATTERNS WERE DISCERNIBLE BUT TYPE OF EQUIPMENT COULD NOT BE DETERMINED. 25X1D 25X1D 25X1D 25X1D 25X1A 56-15-10 043-15-DZERZHINSK AMMUNITION DEPOT WEST STATUS: OCCUPIED REMARKS: HAZE AND THE POOR INTERPRETABILITY OF THE PHOTOGRAPHY PRECLUDED A DESCRIPTION OF THE FACILITY. Approved For Release 2000/04/17 : CIA-RDP78T04562A0033ρρβ

TOP SECRET RUFF

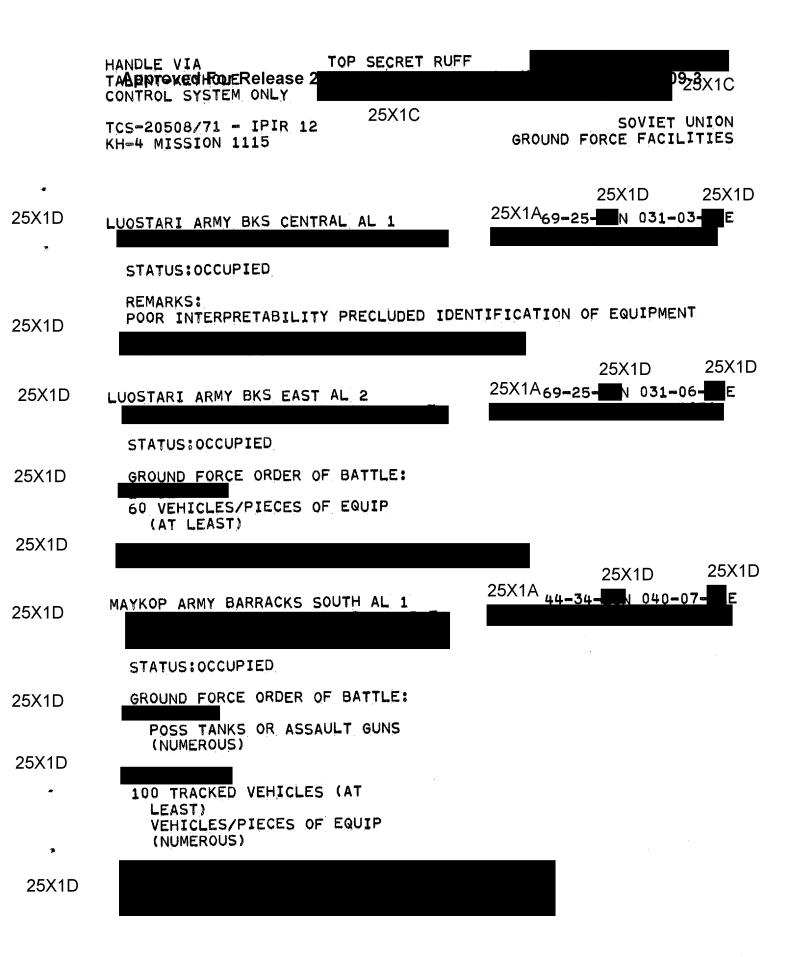
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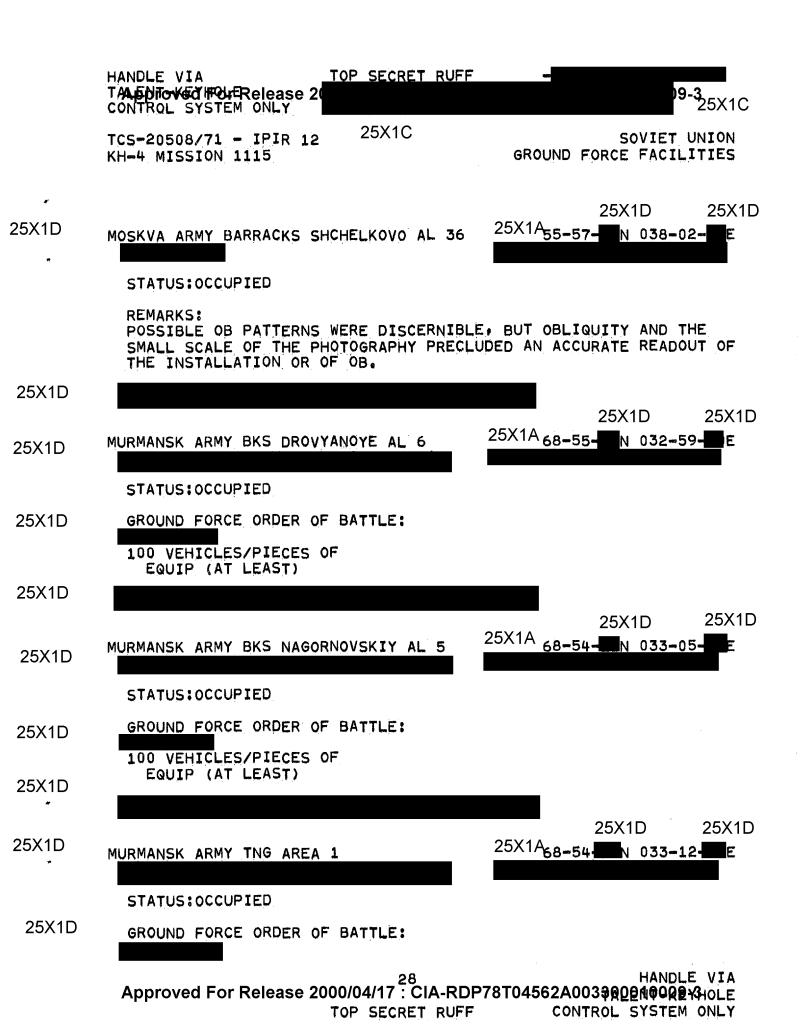


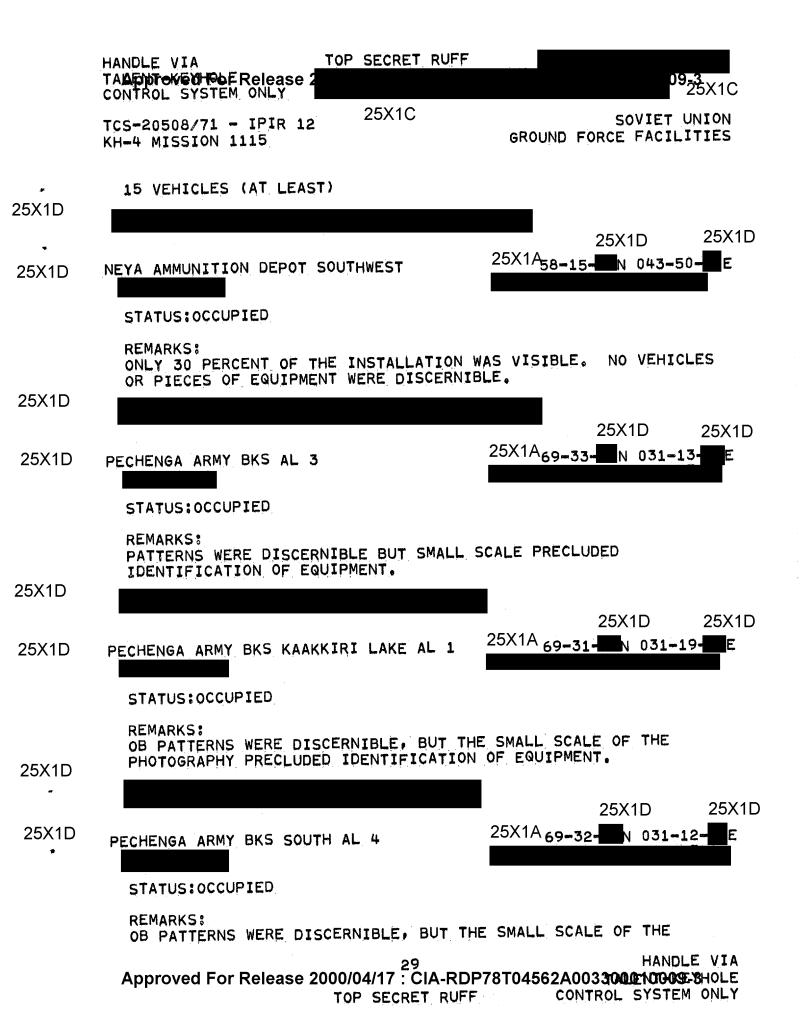
TOP SECRET RUFF HANDLE VIA TALATING PONTE CHIPPOT Release CONTROL SYSTEM ONLY 25X1C SOVIET UNION TCS-20508/71 - IPIR 12 GROUND FORCE FACILITIES KH-4 MISSION 1115 25X1D 25X1D 25X1A₅₆₋₁₇₋ 25X1D N 043-04-E GOROKHOVETS ARMY BKS AL1 STATUS: OCCUPIED REMARKS: CLOUDS AND HAZE PRECLUDED A DESCRIPTION OF THE INSTALLATION 25X1D GROUND FORCE ORDER OF BATTLE: VEHICLES/PIECES OF EQUIP (NUMEROUS) 25X1D 25X1D 25X1D 25X1A₅₆₋₅₀₋N 035-47-25X1D KALININ ARMY BARRACKS AL 10 STATUS: OCCUPIED REMARKS: OB PATTERNS WERE DISCERNIBLE, BUT SHADOW AND THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED IDENTIFICATION OF THE NUMBER AND TYPE of VEHICLES. 25X1D 25X1D 25X1D 25X1A 56-51-WN 035-50-WE KALININ ARMY BARRACKS VOLGA AL 8 25X1D STATUS: OCCUPIED 25X1D GROUND FORCE ORDER OF BATTLE: 200 VEHICLES/PIECES OF EQUIP (AT LEAST) 25X1D

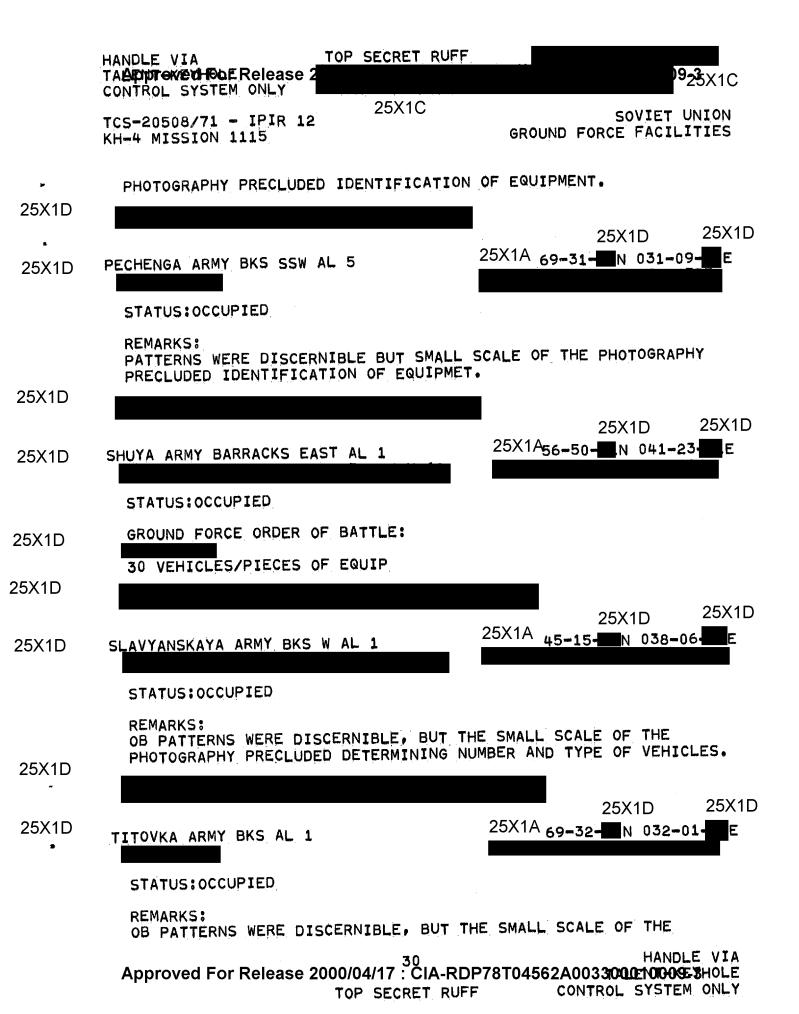


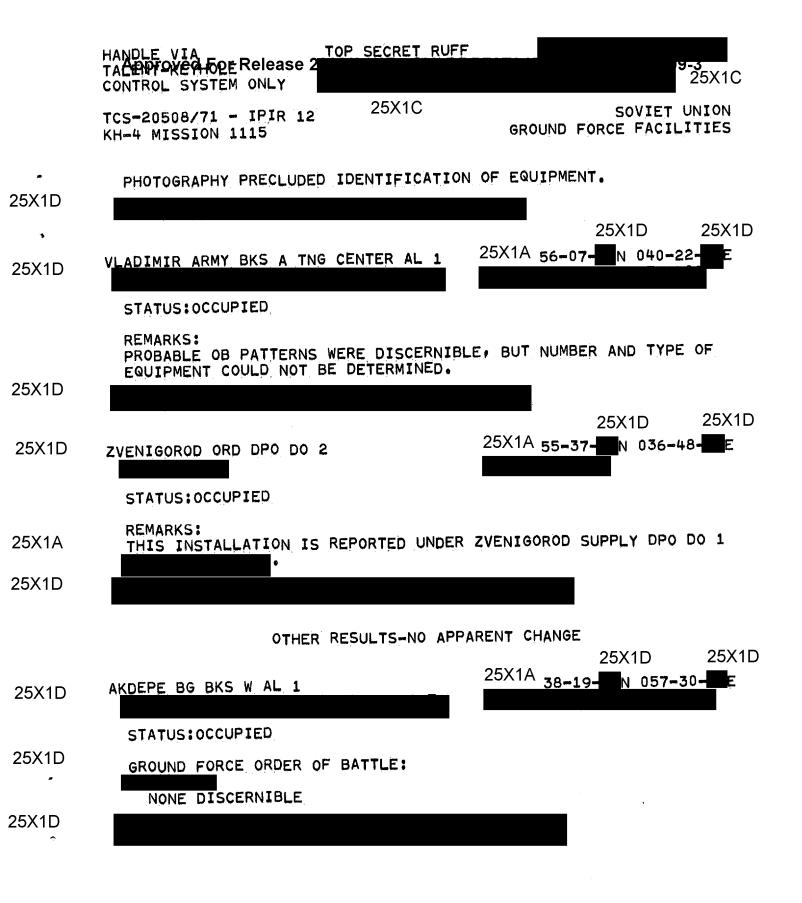
HANDLE VIA TOP SECRET RUFF TALENT VERY STEM ONLY 20 25X1C 25X1C TCS-20508/71 - IPIR 12 SOVIET UNION KH-4 MISSION 1115 GROUND FORCE FACILITIES 25X1D 25X1D 25X1D 25X1A₄₅₋₀₀ KRASNODAR ARMY BARRACKS SOUTH AL N 038-57-25X1D STATUS: OCCUPIED REMARKS: EQUIPMENT PATTERNS WERE DISCERNIBLE, BUT NUMBERS AND TYPES COULD NOT BE DETERMINED. 25X1D 25X1D 25X1D 25X1A₅₅₋₃₃₋N 036-42-25X1D KUBINKA ARMY BKS TUCHKOVO SOUTH AL 2 STATUS: OCCUPIED REMARKS: APPROXIMATELY 75 PERCENT OF THE INSTALLATION WAS CLOUD COVERED. GROUND FORCE ORDER OF BATTLE: 25X1D NONE DISCERNIBLE 25X1D 25X1D 25X1D 25X1A₄₈₋₄₆- N 038-56-LUGANSK ARMY BARRACKS AL 4 25X1D STATUS: OCCUPIED REMARKS: THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED A DESCRIPTION OF THE INSTALLATION. 25X1D GROUND FORCE ORDER OF BATTLE: NONE DISCERNIBLE 25X1D



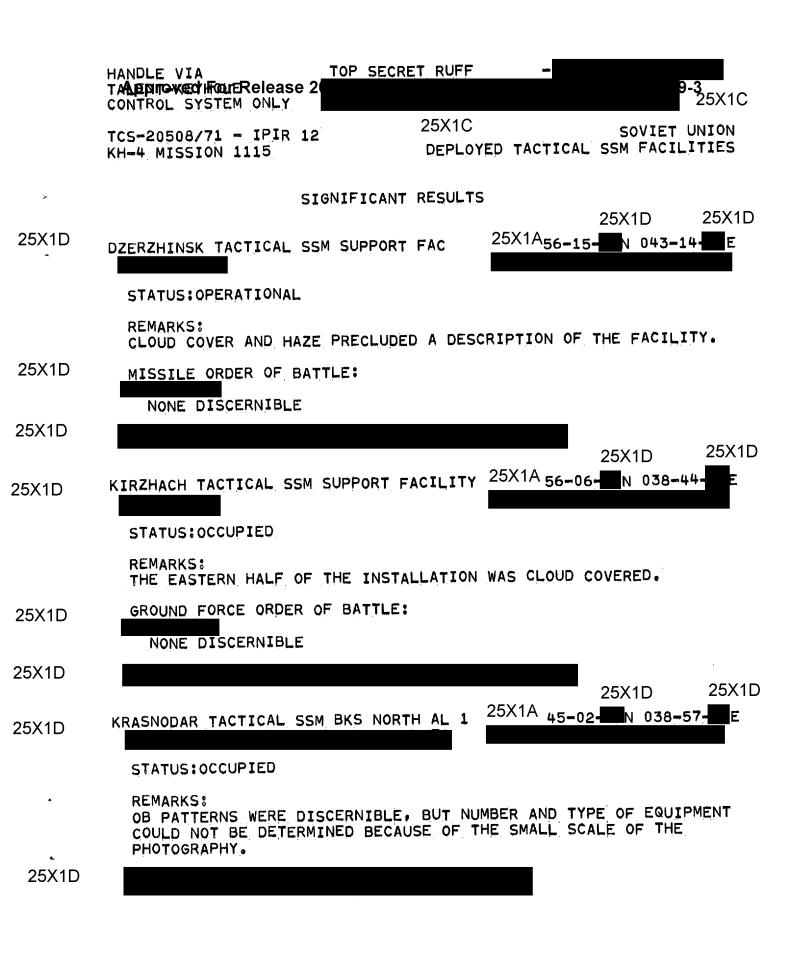




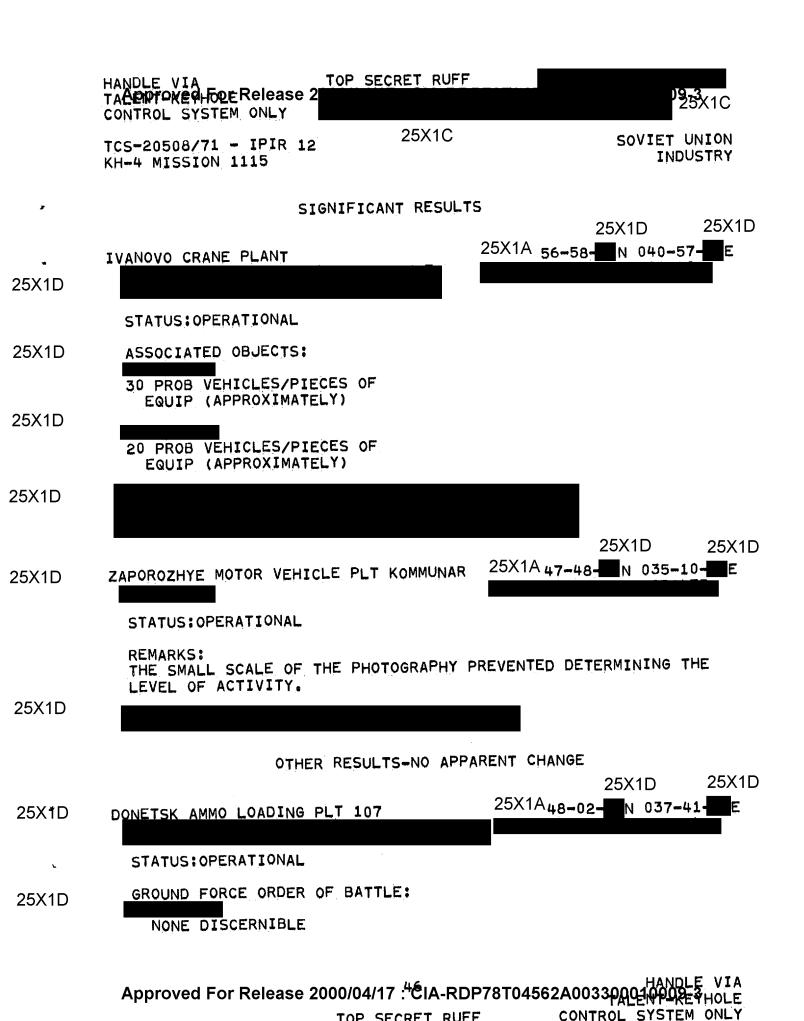




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WWIPIR CODES

Status (STA:)	<u>OB</u>	Interpretability
NEG - Negated	MIS: Missiles	E - Excellent
UCO - Under Const	AOB: Air	G - Good
COM - Complete	NVL: Naval	F - Fair
UKN - Unknown	GFW: Grd Force	P - Poor
NOP - Not Oprtl	ELC: Electronic	Conditions
OPR - Operat'I OCC - Occupied	AAA: Antiair OBJ: Assoc Objs	CL - Clear
UNP - Unoccupied	7.0000 Obj.	SC - Scattered Cloud
ABN - Abandoned	Mode	HC - Heavy
RMV - Removed	W - Stereo/Blk & White	Cloud HA - Haze
TRN - Transitory	P - Part Stereo/ Blk & White	SN - Snow
DMG - Damaged	B - Mono Blk &	SH - Shadow
DST - Destroyed	White	OL - Obliquity
General	S - Stereo/Color	SD - Semi-
IMR: Image Ref	A - Part Stereo/ Color	darkness
(Photo Ref)	C - Mono Color	HD - Heavy Dust/ Smoke
DES: Description	D - Camouflage	
RMK: Remarks	Detection	Coverage
IDC: Image Derived Coord.	F - Infrared	C - Complete
MPR: Map Ref	R - Radar	P - Partial
DFC: Defenses/	N - Nonstandard	O - Oblique
Security		V - Vertical

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